

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Roberts et al.
 Application No.:
 Date Filed: Concurrently Herewith
 Title: ELECTRO-CHEMICAL ANALYSIS DEVICE WITH INTEGRATED
 THERMAL SENSOR AND METHOD FOR MONITORING A SAMPLE
 USING THE DEVICE



CERTIFICATE OF MAILING

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MOTOROLA INC.

Name of Assignee

SIGNATURE

DATE

INFORMATION DISCLOSURE STATEMENT (IDS)

Assistant Commissioner For Patents
 Washington, D.C. 20231

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office.

I. COPIES

- a. ☒ A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- b. ☐ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial NumberU.S. Filing DateII. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a. ☒ Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration:

III. ☐ CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.Filing DateArt Unit

FEES

- IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
- a. ☒ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
 - b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
 - c. ☐ before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
 - d. ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)
before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).
- a. ☐ No statement; therefore, charge deposit account 13-4771 the fee set forth in 37 C.F.R. §1.17(p).
 - b. ☐ See the statement below. No fee is required.
- VI. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):
on or before payment of the issue fee and is accompanied by the following:
- 1) a statement under 37 C.F.R. §1.97(e) as provided below; and
 - 2) charge deposit account 13-4771 the petition fee set forth in §1.17(p).
- VII. ☐ STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
The undersigned hereby states that
- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
 - b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
 - c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
- VIII. PAYMENT OF FEES
- ☐ A check in the amount of _____ is enclosed for the above-identified fee(s).
 - ☐ Please charge Deposit Account No. 13-4771 in the amount of \$180.00 for the above-indicated fee(s).
 - ☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 13-4771.
 - ☒ Two Copies of this paper are attached for Deposit Account charges and debits.

It is Applicant(s)' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 13-4771.

Respectfully submitted,
Roberts et al.



William E. Koch
Attorney for Applicant(s)
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Tel. 602-952-3486

MOTOROLA, INC.
Customer Number 23330

Enclosures: ☒ PTO/SB/08
☒ References
☐ Foreign Search Report
☐ Other:



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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Applicant Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
Examiner Name			Peter C. Roberts		
Sheet	1	of	Attorney Docket Number		CT00-033

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (if known)			
		6048699		Foley et al.	4/11/00	
		6013446		Maracas et al.	1/11/00	
		6083762		Papen et al.	7/4/00	
		6312960		Balch et al.	11/6/01	
		6285490		Meier et al.	9/4/01	
		5981166		Mandeki	11/9/99	
		6266459		Walt et al.	7/24/01	
		6261782		Lizardi et al.	7/17/01	
		5945286		Krihak et al.	8/31/99	
		6290839		Kayyem et al.	9/18/01	
		6264825		Blackburn et al.	7/24/01	
		6277576		Meade et al.	8/21/01	
		6063573		Kayyem	5/16/00	
		6071699		Meade et al.	6/6/00	
		6087100		Meade et al.	7/1/00	
		6090933		Kayyem et al.	7/18/00	
		6096273		Kayyem et al.	8/1/00	
		6013170		Meade	1/11/00	
		6013459		Meade	1/11/00	
		6080969		Goto et al.	6/27/00	
		6230497		Morris et al.	5/15/01	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³ Code ²	Number ⁴	Kind (if known)				
		PCT	WO07/18226		Hogan et al.	5/22/97		

Examiner Signature		Date Considered	
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		Application Number		
		Filing Date		
		First Named Inventor	Peter C. Roberts	
		Group Art Unit		
		Examiner Name		
Sheet	2	of	Attorney Docket Number	CT00-033

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Eisen, M.B. et al., Proc. Natl. Acad. Sci., 95 , p. 14863-8, (1998)	
		Spellman, P.T., et al., Molecular Biology of the Cell, 9 , p. 3273-97, (1998)	
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		O'Donnell-Maloney, Maryanne J. et al., Tibtech, 14 , p. 401-407, (1996)	
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		Kajiya, T., et al, Micro Total Analysis Systems 2000, p. 505-508, (2000)	
		Corle, G.S., and Kino, G.S., Confocal Scanning Optical Microscopy and Related Imaging Systems, Chapter 1.3 , Academic Press 1996	
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		Senaratne, C; and Hanck, K.W., Chem. Instrumentation, 20(1) , (1992)	
		Provance, J.D., Insulation/Circuits, p. 33-36, (1977)	
		Muskal, N., et al., Current Separations, 19(2) , p. 49-54, (2000)	

Examiner Signature		Date Considered	
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